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1949 leukotomy

Turing Test 人工智能 AI A Modern Approach 人工智能的现代化 [1] 风洞 Wind Tunnel approach 人工智能的现代化 Nature AlphaGo Zero 超越 superhuman 人工智能的现代化 Technological Singularity In Math We Trust “人工智能的现代化” [2] 人工智能的现代化 [3]

[illegible]

[4]

leukotomy

Leukotomy BRIAN Initiative

[illegible]

1 personalities mental diseases personalities
BRAIN Initiative [6]

2 leukotomy leukotomy BRAIN Initiative AlphaGo

3 personality intelligence Walter Freeman personality intelligence [7]

personality intelligence personality intelligence

leukotomy

1 Nature Magazine AlphaGo Deepmind AlphaGo Zero
AlphaGo Master

2) 围棋程序AlphaGo Zero 陷入 local trap 而陷入死循环
AlphaGo Zero 超越 superhuman 围棋程序

AlphaGo Zero 与 AlphaGo Master 对弈 AlphaGo Master 对弈 AlphaGo Master [10] Nature
AlphaGo Zero 对弈 AlphaGo Master 使用 deep-learning
AlphaGo Master 对弈

AlphaGo Zero [12] 超越 superhuman 围棋程序
AlphaGo Zero 对弈

AlphaGo 对弈 generic human 对弈 Deepmind 对弈
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AlphaGo 对弈 [14]

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intergrity 对弈
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AlphaGo 对弈 [15]

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AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈
AlphaGo 对弈 [16]

Socratic method 对弈 Occam's Razor 对弈

Karl Popper 对弈
AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈
AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈 AlphaGo 对弈
AlphaGo 对弈 [17]

Neurosciences and human specific intelligence
Neurosciences and human specific intelligence

Neurosciences and human specific intelligence
Neurosciences and human specific intelligence

Alan Turing, Geoffrey Hinton, Demis Hassabis
AlphaGo

Demis Hassabis, deep-learning, reinforcement learning [18]
Nature, AlphaGo Zero, generic, superhuman
Geoffrey

Turing Machine, Geoffrey Hinton
Turing Machine, Alan Turing

Dialogue Concerning the Two Chief World Systems [19]
The Sceptical of Chemist

Dialogue Concerning the Two Chief World Systems [19]
The Sceptical of Chemist

The Sceptical of Chemist

On the Origin of Species

human specific intelligence
big data
big data
BRAIN Initiative
big data
human specific intelligence

Big data
AlphaGo

AlphaGo

AlphaGo

AlphaGo

AlphaGo

AlphaGo

AlphaGo Zero: Reinforcement Learning AI: A Modern Approach

Introduction to AI: A Modern Approach

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Chinese room

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Leukotomy – Turing Test – AI – A Modern Approach – Wind Tunnel approach – Technological Singularity – “ – Nature – AlphaGo Zero – superhuman –

[illegible]

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`AlphaGo Zero □ superhuman □□□□□□□□□□□□□□□□□□□□□□□□□□□□ [26]□`

[illegible]

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# Galileo Galilei □ Dialogue Concerning the Two Chief World Systems □□□□□□□□□□ □□□□□□□□□□

Immanuel Kant

□□□□□□□□□□□□□□□□□□□□□□□□□□ "a precise set of laws governing the rational part of the mind"

[illegible]

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[2] In God We Trust [padding] God [padding]
[padding] Trust]
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[illegible]

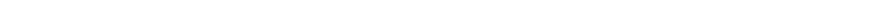
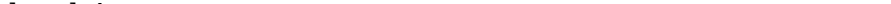
Occam's Razor      Leukotomy

In Math We Trust In Math We Trust

## Universal approximation theorem

[3] [\[3\]](#)

[illegible]

[5] SAE level 4   
 SAE level 4 





[17] □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□  
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